

(gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "CI-945" or "GO 3450" or "GO-3450" or "GOE 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450" or \$Neurontin\$)

("gabapentin lactam" or "gabapentin-lactam" or "GBP-L" or "!GBPL!" or ((gabapentin with (lactam)) or "2-azaspiro[4,5]decan-3-one" or "2-aza-spiro[4,5]decan-3-one" or "2-azaspiro[4,5]decan-3-on" or "2-aza-spiro[4,5]decan-3-on" or "2-azaspiro\$decan-3-one" or "2-aza-spiro\$decan-3-one" or "2-azaspiro\$decan-3-on" or "2-aza-spiro\$decan-3-on" or "8-azaspiro[5,4]decan-9-one" or "8-aza-spiro[5,4]decan-9-one" or "8-azaspiro[5,4]decan-9-on" or "8-aza-spiro[5,4]decan-9-on" or "8-azaspiro\$decan-9-one" or "8-aza-spiro\$decan-9-one" or "8-azaspiro\$decan-9-on" or "8-aza-spiro\$decan-9-on"))

(opioid or opium or opiate or "opioid analgesic" or "narcotic analgesic" or (morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or l-Morphine or M-Eslon or Meconium or Morphia or Morphin or Morphina or Morphine or Morphinism or Morphinum or Morphium or "MS Contin" or Nepenthe or Ospalivina) or (hydromorphone or \$morphone or dihydromorphinone or \$morphinone\$ or \$morphinan\$ or Hydromorphone or Dihydromorphinone or Dihydromorphone or DiMo or Dimorphone or Dilaudid or Hydromorphon or Hydromorphone or Novolaudon or "NSC 19046" or "NSC-19046" or "NSC19046") or (codeine or codicept or coducept) or thebaine or (bitartrate or lorcet or hydrocet) or diamorphine or heroin or (oxycodone or percodan or percocet or roxicet) or (hydrocodone or vicodin or lortab or anexsia) or dihydrocodeine or (hydromorphone or dilaudid) or (oxymorphone or numorphon) or nicomorphine or (methadone or dolophine) or ("levomethadyl acetate hydrochloride" or levorphanol or levodromoran or "levo-dromoran") or pethidine or (meperidine or demerol) or (fentanyl or sublimaze) or (alfentanil or alfenta) or (sufentanil or sufenta) or remifentanil or ketobemidone or carfentanyl or (propoxyphene or darvon) or dextropropoxyphene or dextromoramide or bezitramide or piritramide or (napsylate or darvocet) or (pentazocine or talwin or "talwin-nx") or phenazocine or (buprenorphine or buprenex) or (butorphanol or stadol) or (nalbuphine or nalbuphine or nubain or nubaine) or dezocine or etorphine or tilidine or tramadol or (loperamide or imodium or kaopectate or Maalox or pepto) or (diphenoxylate or lomotil) or nalmefene or naloxone or naltrexone or nalorphine or (tincture near3 opium) or (paregoric or "camphorated opium") or codeine or diphenoxylate or (difenoxin or difenoxine or difenoxylic or difenoxin or difenoxine or difenoxylic or isonipecotic or lysapfen) or (loperamide or "ADL 2-1294" or "ADL-2-1294" or "ADL 2 1294" or "ADL 21294" or "ADL21294"))

(morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or l-Morphine or M-Eslon or Meconium or Morphia or Morphin or Morphina or Morphine or Morphinism or Morphinum or Morphium or "MS Contin" or Nepenthe or Ospalivina)

(hydromorphone or \$morphone or dihydromorphinone or \$morphinone\$ or \$morphinan\$ or Hydromorphone or Dihydromorphinone or Dihydromorphone or DiMo or Dimorphone or Dilaudid or Hydromorphon or Hydromorphone or Novolaudon or "NSC 19046" or "NSC-19046" or "NSC19046")

(baclofen or "\$(aminomethyl)-4-chloro-benzenepropanoic acid" or "\$(aminomethyl)-4-chlorobenzenepropanoic acid" or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or "\$(4-chlorophenyl)-\$-aminobutyric acid" or "\$(aminomethyl)-p-chlorohydrocinnamic acid" or "\$(p-chlorophenyl)-\$-aminobutyric acid" or "\$p-chlorophenyl-GABA" or "4-Amino-3-(4-chlorophenyl)butyric acid" or "4-Amino-3-(p-chlorophenyl)butyric acid" or "Ba 34647" or "Ba-34647" or "Ba34647" or Baclon or "C 34647Ba" or "C 34647Ba" or "C 34647Ba" or "CIBA Ba 34647" or "CIBA-Ba-34647" or "CIBABa34647" or "DL-4-Amino-3-p-chlorophenylbutanoic acid" or "DL-Baclofen" or "DL Baclofen" or DLBaclofen or "D1-Baclofen" or "D1 Baclofen" or D1Baclofen or Lioresal or Kemstro)

(Midazolam or "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1,5-a][1,4]benzodiazepine" or \$benzodiazepine or Dormicum or Midazolam or Midosed or Rohipnol)

((("Valproate sodium" or "Valproate Na" or "sodium Valproate" or "Na Valproate" or ("2-propyl-pentanoic acid") adj4 (sodium)) or ("2-propyl-valeric acid") adj4 (sodium)) or Acediprol or Convulex or Depacon or Depakene or Depakene or Depakin or Depakine or ((Dipropylacetate) adj4 (sodium)) or Epilim or "KW 6066N" or "KW-6066N" or KW6066N or Orfiril or ((2-propylpentanoate) adj4 (sodium)) or ((2-propylvalerate) adj4 (sodium)) or ((bispropylacetate) adj4 (sodium)) or ((dipropylacetate) adj4 (sodium)) or ((valproate) adj4 (sodium)) or Valerin) OR ("2-propyl-pentanoic acid" or "2-propyl-valeric acid" or "2-Propylpentanoic acid" or "2-Propylvaleric acid" or "4-Heptanecarboxylic acid" or "dipropyl-acetic acid" or Depakine or "Dipropylacetic acid" or Ergenyl or Mylproin or "n-Dipropylacetic acid" or "NSC 93819" or "NSC-93819" or "NSC93819" or "Valproic acid"))

(gabapentin or neurontin) OR (opioid or opium or opiate or "opioid analgesic" or "narcotic analgesic") OR (morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or l-Morphine or M-Eslon or Meconium or Morphia or Morphin or Morphina or Morphine or Morphinism or Morphinum or Morphium or "MS Contin" or Nepenthe or Ospalivina) OR (hydromorphone or \$morphine or dihydromorphinone or \$morphinone\$ or \$morphinan\$ or Hydromorphone or Dihydromorphinone or Dihydromorphone or DiMo or Dimorphone or Dilaudid or Hydromorphon or Hydromorphone or Novolaudon) OR (Baclofen or Lioresal or Kemstro) OR (Midazolam Dormicum or Midazolam or Midosed or Rohipnol) OR (Valproate or Valproic)

(\$parenteral\$ or \$parenteral or parenteral\$ or inject\$ or inject or injected or injection or injectable or "hypodermic needle" or "hypodermic inject\$" or catheter\$ or intraarterial\$ or intra-arterial\$ or intravenous\$ or intra-venous\$ or transfusion or infusion or intramuscular\$ or intra-muscular\$ or subcutaneous\$ or sub-cutaneous\$ or intracutaneous\$ or intra-cutaneous\$ or transcutaneous\$ or trans-cutaneous\$ or percutaneous\$ or per-cutaneous\$ or intradermal\$ or intra-dermal\$ or intradermic\$ or intra-dermic\$ or transdermal\$ or trans-dermal\$ or transdermic\$ or trans-dermic\$ or inhalation\$ or transmucosal or trans-mucosal\$ or sublingual\$ or epidural\$ or intrathecal\$ or intra-thecal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intra-cerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$) with (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or backbone or rachis or lumbar or "spinal fluid" or cerebraspinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or arachnoid or subarachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system")) or intraosseous\$ or intra-osseous\$)

(\$parenteral\$ or \$parenteral or parenteral\$ or epidural\$ or intrathecal\$ or intra-thecal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intra-cerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$ or \$parenteral\$ or \$parenteral or parenteral\$) with (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or backbone or rachis or lumbar or "spinal fluid" or cerebraspinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or arachnoid or subarachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system"))))

(epidural\$ or intrathecal\$ or intra-thecal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intra-cerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$ or \$parenteral\$ or \$parenteral or parenteral\$ or "spinal tap") with (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or backbone or rachis or lumbar or "spinal fluid" or cerebraspinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or arachnoid or subarachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system"))))

((isotonic or isotonia) SAME ("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid")) OR ((fluid\$ or liquid or aqueous or solution or suspension or dispersion or water or saline or solvent or carrier or vehicle or excipient or adjuvant or diluent or dilutant) SAME (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or backbone or rachis or lumbar or cerebraspinal or cerebrospinal or arachnoid or subarachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system"))))

(osmolarity or osmotic or osmolyte or osmolytic or osmoregulat\$ or osmoadust\$ or osmoconform\$ or "mOsm\$" or tonicity or tonicifier or electrolyte or electrolytic or hypertonic or isotonic or hypotonic or electrolyte or electrolytic or saline or "salt solution" or "saline solution" or "sodium chloride solution" or "potassium chloride solution" or "crystalloid solution" or ((osmolarity or osmotic or osmolyte or osmolytic or osmoregulat\$ or osmoadust\$ or osmoconform\$ or electrolyte or electrolytic or hypertonic or isotonic or hypotonic) with (ion or ionic or cation or anion or salt or water or aqueous or solution or fluid or fluidic or saline or "physiological saline" or "salt solution" or "saline solution" or "sodium chloride" or "potassium chloride" or "crystalloid solution" or "UW-Flush" or "Ringer\$ Lactate" "Lactated Ringer\$ Solution" or "Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs Ringer" or "Krebs Solution" or "Krebs Henseleit" or "contact solution" or "contact lens solution" or chloride or citrate or ascorbate or borate or phosphate or bicarbonate or sulfate or thiosulfate or bisulfate)) OR carbohydrate or sugar or monosaccharide or fructose or glucose or mannose disaccharide or lactose or maltose or sucrose or polysaccharide or \$cellulose or "microcrystalline cellulose" or "micro-crystalline cellulose" or chitin or \$dextrin\$ or \$cyclodextrin\$ or \$dextran\$ or \$dextrose or glycogen or gum or starch or oligosaccharide or sugar or sweeten\$ or dextrose or fructose or glucose or mannose or lactose or maltose or sucrose OR "sugar substitute" or "natural sugar substitute" or brazzein or curculin or erythritol or glycyrrhizin or glycerol or glycerin or glycerine or isomalt or lactitol or mabinlin or maltitol or mannitol or miraculin or monellin or pentadin or sorbitol or stevia or stevioside or tagatose or thaumatin or xylitol OR "artificial sweetener" or "acesulfame potassium" or alitame or aspartame or cyclamate or dulcin or "neohesperidine dihydrochalcone" or neotame or "P-4000" or saccharin or sucralose)

(buffer or buffering or "buffering agent" or "pH buffer" or carbonate or "sodium carbonate" or bicarbonate or "sodium bicarbonate" or phosphate or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or "potassium phosphate" or "organic phosphate" or diphosphate or triphosphate or acetate or \$diphosphoglycerate or \$phosphoglycerate or alkaliz\$ or alkaliz\$ or alkalis\$ or alkalinis\$ or alkalify or basify or "alkaliz\$ agent" or "alkaliniz\$ agent" or "alkalis\$ agent" or "alkalinis\$ agent" or "alkalif\$ agent" or "basif\$ agent" or " acidify\$ agent" or " acidifi\$ agent" or ((buffer or buffering or "buffering agent" or "pH buffer" or osmolarity or osmotic or osmoregulat\$ or osmoadust\$ or osmoconform\$) with (alkaline or alkali or alkalic or alkalinity or "sodium hydroxide" or "sodium phosphate" or phosphate or "sodium borate" or borate or "sodium citrate" or citrate or "sodium acetate" or acetate or "sodium lactate" or lactate or trishydroxymethylaminomethane)) or ((buffer or buffering or "buffering agent" or "pH buffer" or osmolarity or osmotic or osmoregulat\$ or osmoadust\$ or osmoconform\$) with (acid or acidic or acidify\$ or acidify or acidifying or acidifi\$ or acidified or acidifies or acidification or "hydrochloric acid" or acetic or boric or citric or lactic or phosphoric or hydrochloric))))

((autoclav\$ or auto-clav\$ or "auto clav\$") OR (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antiseptici\$ or anti-septici\$ or septic\$ or aseptic\$ or asepticiz\$ or aseptis\$ or asepsis or antiseptis or anti-sepsis or aseptic\$ or sanitiz\$ or sanitiz\$ or steril\$ or steriliz\$ or sterilis\$) OR ((heat or heated or heating or melt or melted or melting or autoclav\$ or auto-clav\$ or "auto clav\$" or "elevated temperature" or "high temperature" or temperature) SAME (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antiseptici\$ or anti-septici\$ or septic\$ or aseptic\$ or asepticiz\$ or aseptis\$ or asepsis or antiseptis or anti-sepsis or aseptic\$ or sanitiz\$ or sanitiz\$ or steril\$ or steriliz\$ or sterilis\$)))

((("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") SAME (process or method or procedure or manufacturing or making or mixing or stirring or synthesizing or creating or producing or preparing or formulating or developing or fabricating or administering or heating or sterilizing\$ or melting or autoclaving or auto-claving or "auto claving"))

(epilepsy or epileptic or epilepsies or epilepsia or epilepticus or epilep\$ or \$epilep\$ or seizure or seizing or seize or seized or antiseizure or anti-seizure or \$seizure or convuls\$ or convulsion or convulse or convulsed or convulsing or convulsive or convulsant or anticonvulsant or anti-convulsant or \$convuls\$ or tremor or spasm or spasmodic or spastic or spasticity or spasm\$ or spastic\$ or twitch or twitching or ((paroxysm\$) with (involuntary) with (musc\$ or muscle or muscular or nerve or "central nervous system" or neuromuscular or neuro-muscular or neurological) with (contract\$)) OR ((involuntary or uncontrol\$ or abnormal or dysfunction\$) with (musc\$ or muscle or muscular or nerve or "central nervous system" or neuromuscular or neuro-muscular or neurological) with (convuls\$ or \$convuls\$ or seiz\$ or \$seiz\$ or tremor or contract\$ or spasm\$ or spastic\$ or hyperactiv\$ or twitch\$ or movement or hypertonic or hypertonia)) OR ((involuntary or uncontrol\$ or abnormal or dysfunction\$) with (convuls\$ or \$convuls\$ or seiz\$ or \$seiz\$ or tremor or contract\$ or spasm\$ or spastic\$ or hyperactiv\$ or twitch\$ or movement or hypertonic or hypertonia)) OR ((involuntary or uncontrol\$ or abnormal or dysfunction\$) with (musc\$ or muscle or muscular or nerve or "central nervous system" or neuromuscular or neuro-muscular or neurological)) OR ((musc\$ or muscle or muscular or nerve or "central nervous system" or neuromuscular or neuro-muscular or neurological) with (convuls\$ or \$convuls\$ or seiz\$ or \$seiz\$ or tremor or contract\$ or spasm\$ or spastic\$ or hyperactiv\$ or twitch\$ or movement or hypertonic or hypertonia)))

((drug or prodrug or pro-drug or medicament or medicine or medication or medicinal or medicated or pharmaceutical\$ or pharmacologic\$ or therapeutic\$ or chemical or biologic\$ or biochem\$ or bioactive or nutraceutic\$ or antibiotic or anti-biotic or prebiotic or prebiotic or probiotic or pro-biotic) WITH (epidural\$ or intrathecal\$ or intra-theal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intracerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intracerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$) WITH ("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") WITH (isotonic\$))

((drug or prodrug or pro-drug or medicament or medicine or medication or medicinal or medicated or pharmaceutical\$ or pharmacologic\$ or therapeutic\$ or chemical or biologic\$ or biochem\$ or bioactive or nutraceutic\$ or antibiotic or anti-biotic or prebiotic or prebiotic or probiotic or pro-biotic or compound) AND ((epidural\$ or intrathecal\$ or intrathecal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intracerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$) SAME ("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") SAME (isotonic\$)))

((mOsm\$) SAME (epidural\$ or intrathecal\$ or intra-theal\$ or intracistern\$ or intracistern\$ or intracistem\$ or intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intra-cerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$) SAME ("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") SAME (isotonic\$))

(((((implant\$ or subcutaneous or internal) ADJ3 (implant or device or pump or system or apparatus)) with (drug or prodrug or pro-drug or medicament or medicine or medication or medicinal or medicated or pharmaceutic\$ or pharmacologic\$ or therapeutic\$ or chemical or biologic\$ or biochem\$ or bioactive or nutraceutic\$ or antibiotic or anti-biotic or prebiotic or pre-biotic or probiotic or pro-biotic or compound)) SAME (epidural\$ or intrathecal\$ or intra-theecal\$ or intracistern\$ or intra-cistern\$ or intracistem\$ or intracistem\$ or intracerebra\$ or intra-cerebra\$ or intracerebro\$ or intra-cerebro\$ or intracerebraventricular\$ or intra-cerebraventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intraparenchymal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$ or \$parenteral\$ or \$parenteral or parenteral\$ or "spinal tap") with (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or backbone or rachis or lumbar or "spinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or arachnoid or subarachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system")) or "spinal fluid" or "cerebrospinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebrospinal fluid" or "artificial cerebrospinal fluid"))